

# Supplementary Material

Article

## A Label-Free Carbohydrate-Based Electrochemical Sensor to Detect *Escherichia coli* Pathogenic Bacteria Using D-mannose on a Glassy Carbon Electrode

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**Table S1.** The results of sensor selectivity evaluation.

Bacteria	Number of Bacteria (CFU.mL <sup>-1</sup> )	Concentration (CFU.mL <sup>-1</sup> )	$\Delta R$ (Average) ( $\Omega$ )	STDV (Average) (%)	Selectivity Coefficient (%)
<i>E.coli</i>	1300000	10 <sup>6</sup>	59.70	6.58	86.48
<i>PTCC1856</i>	1170000	10 <sup>6</sup>	3.28	1.08	4.75
<i>PTCC1600</i>	1560000	10 <sup>6</sup>	6.05	0.88	8.78